

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventor: Chan-Wah NG et al.

Art Unit 2619

Appln. No.: 10/531,206

Exr. J. Smith

Filed: April 14, 2005

Conf. No. 6995

For: ROAMING CONNECTION METHOD AND APPARATUS IN GLOBAL
NETWORK

AMENDMENT UNDER 37 CFR § 1.116

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Final Rejection dated July 22, 2008, please amend the above-captioned application as follows:

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-6. (Canceled).

7. (Currently Amended) A network element apparatus comprising:

a receiving section that receives a binding update message from a sender node;

a recording section that records an entry containing a home address field indicating a unique global address, a care-of-address field indicating a temporarily assigned global address, and an access router address field indicating a global address of a higher level router to which the sender node is connected, in a corresponding manner with the received binding update message;

~~The network element apparatus according to claim 5~~ a packet forwarding section that searches the recording section ~~entry~~ based on a destination of a packet received by the network element apparatus and obtains the temporarily assigned global address corresponding to the destination and the global address of the higher level router to which the destination ~~network element apparatus~~ is connected;

an address obtaining section that repeats in a recursive manner searching of the entry of the higher level router based on the obtained global address of the higher level router and obtaining of the temporarily assigned global address of the higher level router;

a routing header constructing section that constructs a routing header in reverse order from an order of obtaining the address, and thereby constructs a packet to which the routing header is

added, the routing header including an address of a higher level router arranged at a head and a temporarily assigned global address of a mobile node and the unique global address arranged at a tail in that order; and

a section that sets the address at the head of the constructed routing header as a destination of the packet.

8. (Currently Amended) The network element apparatus according to claim 7, wherein, when the destination of the packet received by the network element apparatus or a last entry of the routing header is not a valid address in a local network or the destination of the packet is a care-of-address of the network element apparatus and the routing header is not added, the received packet is discarded.

9-11. (Canceled).

REMARKS

Reconsideration and allowance of this application are respectfully requested in light of the above amendments and the following remarks.

The Applicants acknowledge with appreciation the indication in the Final Rejection that claims 7 and 8 are allowable. Allowable claim 7 has been rewritten in independent form to include the subject matter of base claim 5. Therefore, allowance of claim 7 and dependent claim 8 is warranted. Claims 1-6 and 9-11 have been canceled.

In view of the above, it is submitted that this application is in condition for allowance and a notice to that effect is respectfully solicited.

If any issues remain which may best be resolved through a telephone communication, the Examiner is requested to telephone the undersigned at the local Washington, D.C. telephone number listed below.

Respectfully submitted,

/James Edward Ledbetter/

Date: October 7, 2008
JEL/DWW/att

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